

REMARKS

In this paper, claims 1 and 34 are currently amended, and claims 35-38 have been added. After entry of the above amendment, claims 1-4, 6-15 and 34-38 are pending, and claims 5 and 16-33 have been canceled.

Claim 34 was rejected under 35 U.S.C. §112 as not meeting the written description requirement. Claim 34 has been amended to delete the reference to historical ranking information and to clarify that the rank processing unit processes and provides ranking information for the plurality of bicycle users from cycling history data. Support for the reference to cycling history data and how it may be used to create ranking data may be found at paragraph [0027] of the specification.

Claims 1-4 and 6-15 were rejected under 35 U.S.C. §103(a) as being unpatentable over Hickman, et al (US 2005/0233861) in view of Shea (US 6,171,218). This basis for rejection is respectfully traversed.

Claim 1 has been amended to clarify that the administration control unit comprises a user registration unit that registers identifying information corresponding to a bicycle user to establish the bicycle user as a registered bicycle user, an information delivery unit that delivers information to a requesting user, and a rank processing unit that receives cycling performance data from the registered bicycle user and calculates ranking information of the registered bicycle user from cycling performance data from the registered bicycle user and from cycling performance data from at least one additional registered bicycle user. The information delivery unit is structured to provide the ranking information of the registered bicycle user relative to the at least one additional registered bicycle user to the registered bicycle user. Hickman, et al discloses an exercise system wherein a local exercise system (12a) may communicate with a remote system (66') or a server system (76') through the Internet (216). The system may provide a simulated video exercise environment to the local system through a video display such as a television (198). However, neither Hickman, et al nor Shea discloses or suggests the ability to calculate ranking information for a plurality of registered bicycle users from cycling performance data such that one registered bicycle user may obtain the

ranking information of that bicycle user relative to other registered bicycle users. Such a system distinguishes over a mere classification as amateur or professional.

New claims 35 and 36 clarify that the cycling performance data comprises cycling distance or cycling time, respectively. New claim 36 clarifies that the information delivery unit provides the ranking information to the registered user through a cycle computer that receives sensor signals from sensors installed on a bicycle, and claim 37 clarifies that the cycle computer is structured to be mounted to a bicycle. Neither Hickman, et al nor Shea discloses or suggests the subject matter recited in these claims.

Accordingly, it is believed that the rejections under 35 U.S.C. §103 and §112 have been overcome by the foregoing amendment and remarks, and it is submitted that the claims are in condition for allowance. Reconsideration of this application as amended is respectfully requested. Allowance of all claims is earnestly solicited.

Respectfully submitted,



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